*

· · · · · · · · · · · · · · · · · · ·	

******	[[

***	(TM)

Release 3.1A John F. Collins, Biocomputing Research Unit. Copyright (c) 1993-1998 University of Edinburgh, U.K. Distribution rights by Oxford Molecular Ltd

* * *

MPsrch_nn n.a. database search, using Smith-Waterman algorithm

Run on: lar output not generated. Fri Jan 14 10:32:13 2000; MasPar time 73.33 Seconds 1179.143 Million cell updates/sec

Title:

Description:

Perfect Score: N.A. Sequence:

Comp:

Scoring table: TABLE default Gap 6

Nmatch

STD

Dbase 0; Query 0

Searched: 165362 seqs, 43234748 bases x

Post-processing: Minimum Match 0% Listing first 45 summaries

Database:

n-issued 1:5A_COMB 2:5B_COMB 3:5C_COMB 4:PCT9_COMB 5:backfiles1

Statistics: Mean 8.538; Variance 4.198; scale 2.034

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed and is derived by analysis of the total score distribution.

	იიიი	0 000	0.0	28
16 17 18 19 20	12 14 15	110 110 111	55 W W W P	sult No.
22223	22344	225 225 245	107 69 37 35	Score
	2222		10.7 6.9 3.7 3.4	% Query Match
74 74 81 81	74 242 56	215 7218 81 81 242 74	1920 7218 965 215 965	Length
4444	444	44444	ω μ ω N ω	DВ
PCT-US95-1 PCT-US95-1 PCT-US95-1 PCT-US95-1 PCT-US95-1	PCT-US95-1 US-08-273- PCT-US95-1 US-08-471-	US-08-238- US-08-232- US-08-232- PCT-US95-1 PCT-US95-1 US-08-273- PCT-US95-1	US-08-746- US-08-232- US-08-388- US-08-238- US-08-388-	SUMMARIES
Sequence 94, Sequence 100 Sequence 99, Sequence 98, Sequence 92,	94, 14, 142	10, 10, 10, 10, 10, 10, 10, 10, 10, 10,		Description
Applicati , Applicat Applicati Applicati Applicati Applicati Applicati	Applicati Applicatio Applicati Applicati Applicati	5, Application 14, Application 14, Application 198, Application 1, Application 100, Applica	Applicatio Applicati Applicati Applicatio Applicatio	
8.8666 8.8666 8.8666 0.022			1.00e-34 1.00e-34 1.84e-09	Pred. No.

							o		n	a			a	a		n							a	
45	44	43	42	41	40	39	3 8	37	36	35	34	33	32	31	30	29	28	27	26	25	24	23	22	4.4
21	21	21	21	21	21	21	21	21	21	21	22	22	22	22	22	22	22	23	23	23	23	23	23	
2.1	2.1	2.1	2.1		2.1											2.2								
3060	2040	2040	1426	826	826	826	105	92	66	63	26700	26700	774	75	69	66	66	9515	9515	9515	9515	9515	82	0
ω	ω	ω	ω	w	ω	۱	_	ω	4	G	2	ω	4	4	-	μ.	H	ω	w	w	w	ω	4	4
-80	-80-	US-08-829-	US-08-714-	US-08-922-	US-08-829-	us-08-631-	US-07-865-	OS-08-353-	PCT-US95-1	5213972-2	US-08-472-	US-08-488-	PCT-US91-0	PCT-US95-1	US-08-471-	US-08-471-	US-08-471-		us-08-920-	US-08-362-	US-08-920-	US-08-920-	PCT-US95-1	
Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Patent No.	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	DOGGC COCC						
26,	7	7,	٠	10,	70,	•		16,	93,	1 11	1,	5	۳	99,	142	144		`	13,	•	13,	13,	97,	
Applicati	_	Applicatio	Applicatio	Applicati	Applicati	Applicati	Applicati	Applicati	Applicati	5213972.	Applicatio	Applicatio	Applicatio	Applicati	, Applicat	, Applicat	, Applicat	Applicati	Applicati	Applicati	Applicati	Applicati	Applicati	100
	:	1.23e+00	1.23e+00		1.23e+00		'n	'n	1.23e+00	1.23e+00	:	3.35e-01	:			3.35e-01	•		8.86e-02				. 866	

ALIGNMENTS

Sequence 1, Application US/08746789A
Sequence 1, Application US/08746789A
Patent No. 5789200
GENERAL INFORMATION:
APPLICANT: ISMAIL Kola, Martin J. Tymms, Christine DeBouck
TITLE OF INVENTION: A No. 5789200el Human ETS Family Member, ELF3
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: Smithkilne Beecham Corporation
STREET: 709 Swedeland Road, P.O. Box 1539
CITY: King of Prussia XXXXXX US-08-746-789A-1 STANDARD; DNA; UNC; 1920 TELEFAX: 610 270 4026
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 1920 ATTORNEY_AGENT INFORMATION:
NAME: William T. Han
REGISTRATION NUMBER: 34,344
REFERENCE_POCKET NUMBER: ATG
TELECOMMUNICATION INFORMATION:
TELEPHONE: 610_270_5219 APPLICATION NUMBER: US/08/746,7892
FILING DATE: No. 5789200ember 15,
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: COMPUTER: IBM 486
OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
SOFTWARE: MICROSOFT WORD
CURRENT APPLICATION DATA: ZIP: 19406-0939

COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE TYPE: Nucleic Acid STRANDEDNESS: Single FILING DATE: COUNTRY: ΡA USA Linear US/08/746,789A :: ATG 50024 1996 BP.

S

SEQUENCE 1920 BP;

422 A; 561 C; 550 G; 387 T; 0 OTHER

```
S
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            밁
                                       8888888888888888888888888
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Ş
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        밁
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Ş
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         밁
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   6256
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               6376
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1039
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-08-232-463-14 STANDARD; DNA; UNC; 7218 BP
                                      CLONE: pTZgpt-F1s ... SEQUENCE 7218 BP; 1944 A; 1491 C; 1486 G; 1929 T; 368 OTHER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 14, Application US/08232463
Sequence 14, Application US/08232463
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             XXXXXX
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               919 GCGCCCAGAGGCACCCACCTGTGGGAGTTCATCCACCCTGGGACATCCTCATCCACCCGGAGCTC 978
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         979 AACGAGGGCCTCATGAAGTGGGAGAATCGGCATGAAGGCGTCTTCAAGTTCCTGCGCTCC 1038
                                                                                                                             TELEX: 899149
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             10.7%;
Local Similarity 87.4%;
Nes 125; Conservation
                                                                                                                                                                                                                                                                                                                                                                ZIP: 22313-0299

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                NAME: BENT, Stephen A.
REGISTRATION NUMBER: 29,768
REFERENCE/DOCKET NUMBER: 30472/114 IMMU
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)836-9300
                                                              TOPOLOGY: line:
IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                  CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                  ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: FALKNER, F. G.
TITLE OF INVENTION: RECOMBINANT FOWLPOX VIRUS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GAGGCCGTGGCCCAACTCTGGGG 6398
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               AACGAAGGCCTCATGAAGTGGGAGAACCGGCACGAGGGTGTGTTCAAGTTTCTTCGCTCA 6375
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GAGGCTGTGGCCCAACTATGGGG 1061
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GCCCCCAGAGGTACTCACCTGTGGGAGTTTATCCGAGACATCCTAATCCACCCCGAGCTC 6315
                                                                                                                                                                    TELEFAX:
                                                                                                                                                                                                                                                                          APPLICATION NUMBER:
                                                                                        STRANDEDNESS
                                                                                                                                                                                                                                                                 FILING DATE:
                                                                                                                                                                                                                                                                                         FILING DATE:
                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                FILING DATE:
                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADDRESSEE:
                                                                                                                 LENGTH:
                                                                                                     nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Alexandria
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1800 Diagonal Road,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                DORNER, F. SCHEIFLINGER, F.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                USA
                                                                                                                                                                      (703)683-4109
                                                                            linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Foley & Lardner
                                                                                                                                                                                                                                                                 26-AUG-1991
                                                                                        single
 6.9%;
                                                                                                                                                                                                                                                                             EP 91 114 300.6
                                                                                                                                                                                                                                                                                                                                                           US/08/232,463
                                                                                                                                                                                                                                                                                                      US/07/935,313
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Score 107; DB 3;
Pred. No. 3.45e-65;
0; Mismatches 18
 Score 69; DB 2; I
Pred. No. 1.00e-34;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Suite 500
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      18; Indels '0;
            Length 7218;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length 1920;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Gaps
```

```
밁
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             δ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  밁
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Ş
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          밁
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ğ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   밁
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Š
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            밁
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Ş
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   밁
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Matches
                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 22, Application US/08388672A Sequence 22, Application US/08388672A Patent No. 5795961
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1304
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       5925
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1244
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                5865
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1184
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        5805
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1124
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   XXXXX
                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-08-388-672A-22 STANDARD; DNA; UNC;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      6045 T 6045
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1364 Y 1364
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               5985 AGCCCCCTCACAAAGAAGCGTGTCTCTGTCGCTGTCCATCTTAACCAGTTGTTTGATCCT
                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMA
                                               TELEFAX: 212-838-3884
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOTTWARE: Patentin Release #1.0, Version
                                                                                                                                 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US,
FILING DATE: 14-FEB-19
CLASSIFICATION:
                            SEQUENCE CHARACTERISTICS:
LENGTH: 965 base pairs
                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: Recombinant Human Anti-Lewis B TITLE OF INVENTION: Antibodies NUMBER OF SEQUENCES: 25
                                                                                         ATTORNEY/AGENT INFORMATION:
NAME: Hanson, No. 579961man
REGISTRATION UNDER: 30,946
REFERENCE/DOCKET NUMBER: LUD
                                                                     TELECOMMUNICATION INFORMATION: TELEPHONE: 212-688-9200
                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                    APPLICANT:
                                                                                                                                                                                                                                                                                                                                                         APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                  APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                            APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1363
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GCAGCTCTCTGACCCCATGTGTGCCAAGTTCTCACCACCACTGGTCCCCACTGAACCATG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TIGCOTGCCGCCTCTTCCATACACAGACCTGCACGTATGCACTCCTGGCCTGCTTTCC 5864
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TTCTTGTCCCGAGGGGACTGTTAATTCCGGGAAGCTGTTTCTTGGTCCCTCAGGCTATAG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GAGCCTCGGGCCTTGTGTGCTCCAGCTGCTCTGAACCACCTGGAGGTCACCCCAAAGGTC 5804
          STRANDEDNESS:
                                                                                                                                                                                                                                        COUNTRY:
                                                                                                                                                                                                                                                                                 ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       2
                                                                                                                                                                                                                              10022
                    nucleic acid
                                                                                                                                                                                                                                                             New York
                                                                                                                                                                                                                                                  New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Conservative 183;
                                                                                                                                                                                                                                                                       805 Third Avenue
                                                                                                                                                                                                                                        U.S.A.
                                                                                                                                                                                                                                                                                                                                  Kitamura,
                                                                                                                                                                                                                                                                                                                                                                 Carr, Frank
                                                                                                                                                                                                                                                                                                                                                                            Harris, William
                                                                                                                                                                                                                                                                                                                                              Welt, Sydney
                                                                                                                                                                                                                                                                                                                                                                                    Wallace,
 unknown
                                                                                                                                                                                                                                                                                 Felfe and Lynch
                                                                                                                                           UMBER: US/08/388,672A
14-FEB-1995
          unknown
                                                  ID NO:
                                                                                                                                                                                                                                                                                                                                    Kunio
                                                                                            LUD 5409
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Mismatches 116;
                                                                                                               Ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                              965
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                6044
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 5924
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0
```